	Туре	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	140	(382/101,102).ccls.	USPAT	2003/07/21 12:41
2	BRS	L2	111	1 and print\$	USPAT	2003/07/21 12:42
3	BRS	L3	100	2 and (scann\$ or ocr or ccd)	USPAT	2003/07/21 12:43
4	BRS	L4	7	3 and indicium\$	USPAT	2003/07/21 12:43
5	BRS	L5	55	<pre>3 and (error or errors or defect or defects or irregular\$)</pre>	USPAT	2003/07/21 12:45
6	BRS	L6	17	5 and symbol\$	USPAT	2003/07/21 12:46

	Comments	Error Definition	Err ors
1	177		0
2			0
3			0
4			0
5			0
6			0

	ט	1	Document		ID	Issue Date	Pages
1			US	6539098	В1	20030325	30
2	⊠		US	6360001	B1	20020319	14
3	⊠.		US	6285777	В1	20010904	10
4	⊠		US	6246794	B1	20010612	43
5	⊠		US	6104500	Α	20000815	16
6	⊠		US	6035061	A	20000307	106
7	×		US	5974147	A	19991026	12
8	×		US	5917925	A	19990629	23
9	Ø		us	5734723	A	19980331	43
10	×		US	5675671	Α	19971007	16
11	×		US	5563955	A	19961008	27
12	Ø		us	5337370	A	19940809	19
13	Ø		US	5307423	A	19940426	16

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	Title	Current OR	Current XRef	Retrieval Classif
1	Mail processing systems and methods	382/101	209/584	
2	Automatic location of address information on parcels sent by mass mailers	382/101		
3	Internet assisted mail	382/101	358/402; 358/462; 382/176	
4	Method of reading characters and method of reading postal addresses	382/185	382/101; 382/177; 382/229; 382/286	
5	Networked fax routing via email	358/1.15	358/402; 358/407; 382/101; 382/229; 382/317	
6	Title extracting apparatus for extracting title from document image and method thereof	382/177	382/101; 382/171; 382/203	
7	Method of verifying unreadable indicia for an information-based indicia program	705/62	382/101; 382/102; 382/112; 382/310; 705/401; 705/410; 713/179	
8	System for dispensing, verifying and tracking postage and other information on mailpieces	382/101		
9	Method and arrangement for generating and checking a security imprint	380/55	380/51; 382/101; 382/184	
10	System for orienting documents in the automated processing of bulk mail and the like	382/296	382/101; 382/287	
11	Apparatus and/or method for recognizing printed data in an image	382/101	235/462.02; 235/494	
12	Character recognition method	382/102	382/156; 382/186; 706/20	
13	Machine recognition of handwritten character strings such as postal zip codes or dollar amount on bank checks	382/182	235/379; 235/462.01; 382/102; 382/138	

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	Inventor	S	С	P	2	3	4	5	I	mage Doc. Displayed	PT
1	Baker, Christopher A. et al.	×							US	6539098	
2	Berger, Israel et al.								US	6360001	
3	Kanevsky, Dimitri et al.								us	6285777	
4	Kagehiro, Tatsuhiko et al.								US	6246794	
5	Alam, Hassan et al.								US	6104500	
6	Katsuyama, Yutaka et al.								us	6035061	
7	Cordery, Robert A. et al.								US	5974147	
8	Moore, Lewis J.								US	5917925	
9	Windel, Harald et al.								us	5734723	
10	Hayduchok, George L. et al.								US	5675671	
11	Bass, deceased, J. E. et al.								us	5563955	
12	Gilles, Andrew et al.								US	5337370	
13	Gupta, Om P. et al.								US	5307423	

	บ	1	Document ID	Issue Date	Pages
14	⊠		US 5293431 A	19940308	14
15	×		US 5025479 A	19910618	11
16	⊠		US 4158835 A	19790619	10
17	⊠		US 3760161 A	19730918	21

	Title	Current OR	Current XRef	Retrieval Classif
14	System for orienting documents in the automated processing of bulk mail and the like	382/101	358/488; 382/296	
15	Recognition method for character set	382/227	380/51; 382/101; 382/316	
16	Arrangement for detecting a window area of a window-having mail item	382/101	209/900; 382/177	
17	METHOD AND APPARATUS FOR AUTOMATICALLY RETRIEVING INFORMATION FROM A SUCCESSION OF LUMINESCENT CODED DOCUMENTS WITH MEANS FOR SEGREGATING DOCUMENTS ACCORDING TO THEIR CHARACTERISTICS	235/462.32	235/468; 235/475; 235/483; 360/2; 382/101; 382/165; 382/318	

	Inventor	s	С	P	2	3	4	5	Image Doc. Displayed	PT
14	Hayduchok, George L. et al.								US 5293431	
15	Pastor, Jose								US 5025479	
16	Miura, Tetsuo et al.								US 4158835	
17	Lohne, William E. et al.								US 3760161	·











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O- Standards	A computationally efficient technique for discriminating between
Coerob	hand-written and printed text
Search	Violante, S.; Smith, R.; Reiss, M.;
O- By Author	Document Image Processing and Multimedia Environments, IEE Colloquium on , 2
O- Basic	1995 Page(s): 17/1 -17/7
O- Advanced	Page(S). 1//1 -1///
Member Services - Join IEEE	[Abstract] [PDF Full-Text (264 KB)] IEE CNF
O- Establish IEEE Web Account	2 Automated recognition of handwritten addresses on mail-pieces
O- Access the IEEE Member Digital Library	Miletzki, U.E.; Uebel, W.; Schulte-Hinsken, S.; Handwriting Analysis and Recognition: A European Perspective, IEE European Workshop on , 12-13 Jul 1994
Print Format	Page(s): 19/1 -19/9

[Abstract] [PDF Full-Text (332 KB)] **IEE CNF**

3 Automatic sorting of Australian handwritten letter mail using OCR and address feature verification

Leedham, C.G.; Jones, P.E.;

TENCON '92. Technology Enabling Tomorrow: Computers, Communications and Automation towards the 21st Century. 1992 IEEE Region 10 International Conference 11-13 Nov. 1992

Page(s): 287 -291 vol.1

[Abstract] [PDF Full-Text (280 KB)] IEEE CNF

4 Recognition of handprinted digits using optimal bounded error matchin





Breul, T.M.;

Document Analysis and Recognition, 1993., Proceedings of the Second Internatio Conference on , 20-22 Oct. 1993

Page(s): 493 -496

[Abstract] [PDF Full-Text (416 KB)] IEEE CNF

5 Empirical design of a holistic verifier for automatic sorting of handwritt Singapore postal addresses

Chin Keong Lee; Leedham, G.;

Document Analysis and Recognition, 1999. ICDAR '99. Proceedings of the Fifth International Conference on , 20-22 Sept. 1999

Page(s): 733 -736

[Abstract] [PDF Full-Text (64 KB)] IEEE CNF

6 Locating address blocks and postcodes in mail-piece images

Whichello, A.P.; Hong Yan;

Pattern Recognition, 1996., Proceedings of the 13th International Conference on

Volume: 3 , 25-29 Aug. 1996

Page(s): 716 -720 vol.3

[Abstract] [PDF Full-Text (448 KB)] IEEE CNF

7 An experimental HMM-based postal OCR system

Kornai, A.;

Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE Internat

Conference on , Volume: 4 , 21-24 April 1997

Page(s): 3177 -3180 vol.4

[Abstract] [PDF Full-Text (372 KB)] IEEE CNF

8 Integration of hand-written address interpretation technology into the United States Postal Service Remote Computer Reader system

Srihari, S.N.; Kuebert, E.J.;

Document Analysis and Recognition, 1997., Proceedings of the Fourth Internation

Conference on , Volume: 2 , 18-20 Aug. 1997

Page(s): 892 -896 vol.2

[Abstract] [PDF Full-Text (476 KB)] IEEE CNF

9 Recognition of handwritten Chinese postal address using neural network Yih-Ming Su; Jhing-Fa Wang;

Circuits and Systems, 1998. ISCAS '98. Proceedings of the 1998 IEEE Internation Symposium on , Volume: 3 , 31 May-3 June 1998



Page(s): 25 -28 vol.3

[Abstract] [PDF Full-Text (624 KB)] IEEE CNF

10 Recognition and verification of postcodes in handwritten and hand-pri addresses

Kabir, E.; Downton, A.C.; Birch, R.;

Pattern Recognition, 1990. Proceedings., 10th International Conference on , Volum

, 16-21 June 1990

Page(s): 469 -473 vol.1

[Abstract] [PDF Full-Text (488 KB)] IEEE CNF

${f 11}\,$ A multi-resolution approach to extract the address block on flat mail p

Viard-Gaudin, C.; Barba, D.;

Acoustics, Speech, and Signal Processing, 1991. ICASSP-91., 1991 International

Conference on , 14-17 April 1991

Page(s): 2701 -2704 vol.4

[Abstract] [PDF Full-Text (544 KB)] IEEE CNF

12 Unconstrained handwritten numeral recognition using Hausdorff dista and multi-layer neural network classifier

Xuejing Wu; Pengfei Shi;

Document Analysis and Recognition, 1999. ICDAR '99. Proceedings of the Fifth

International Conference on , 20-22 Sept. 1999

Page(s): 249 -252

[Abstract] [PDF Full-Text (80 KB)] IEEE CNF

13 Adaptive technology for mail-order form segmentation

Belaid, A.; Belaid, Y.; Valverde, L.N.; Kebairi, S.;

Document Analysis and Recognition, 2001. Proceedings. Sixth International

Conference on , 10-13 Sept. 2001

Page(s): 689 -693

[Abstract] [PDF Full-Text (464 KB)] IEEE CNF

14 Analysis of postal address fields for efficient encoding of Korean mail pieces

Gyeonghwan Kim; Seokgoo Lee; Miyoung Shin; Yun Seok Nam; Document Analysis and Recognition, 2001. Proceedings. Sixth International Conference on, 10-13 Sept. 2001



Page(s): 675 -679

[Abstract] [PDF Full-Text (352 KB)] IEEE CNF

15 An hybrid MLP-SVM handwritten digit recognizer

Bellili, A.; Gilloux, M.; Gallinari, P.; Document Analysis and Recognition, 2001. Proceedings. Sixth International Conference on , 10-13 Sept. 2001 Page(s): 28 -32

[Abstract] [PDF Full-Text (320 KB)] IEEE CNF

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